PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KRISTOPHER BARBEE	08/24/2012
MAXIMILIAN CARPINO	08/24/2012

RECEIVING PARTY DATA

Name:	LIFE TECHNOLOGIES CORPORATION	
Street Address:	5823 NEWTON DRIVE	
City:	CARLSBAD	
State/Country:	CALIFORNIA	
Postal Code:	92008	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16194187

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	LT00552DIV2	
NAME OF SUBMITTER:	GRACIE SEGOVIA	
SIGNATURE:	/Gracie Segovia/	
DATE SIGNED:	04/09/2019	

Total Attachments: 2

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PATENT REEL: 048834 FRAME: 0932 505418882

<u>ASSIGNMENT</u>

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged, I/we:

1. Kristopher BARBEE, a citizen of **US**; having a mailing address of LIFE TECHNOLOGIES CORPORATION, 5791 Van Allen Way, Carlsbad, CA 92008; and a resident of **East Haven, CT**.

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2. Maximilian CARPINO, a citizen of **US**; having a mailing address of LIFE TECHNOLOGIES CORPORATION, 5791 Van Allen Way, Carlsbad, CA 92008; and a resident of **Uncasville**, **CT**.

do hereby SELL, ASSIGN, AND TRANSFER to **LIFE TECHNOLOGIES CORPORATION**, (the "Assignee", a corporation of the State of Delaware) having a place of business at 5791 Van Allen Way, Carlsbad, California 92008, USA the entire right, title, and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in United States Provisional Patent Application, Serial No. 61/532,903, filed September 9, 2011; International Patent Application No. PCT/US2012/045860, filed on July 6, 2012; and in United States Non-provisional Patent Application, Serial No. 13/543,758, filed on July 6, 2012 entitled AUTOMATED ENRICHMENT FOR NUCLEIC ACID SEQUENCING, and such applications and all divisional, continuing, substitute, renewal, reissue, and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been or will be made to others by the

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undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned; and

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible for which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining, and enforcing proper patent protection for such improvements.

TO BE BINDING on the heirs, assigns, representatives, and successors of the undersigned and extend to the successors, assigns, and nominees of the Assignee.

Signature:

Name (1) Kristopher

Signature:

Name (2) Maximilian CARPINC

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